

CORRECTED VERSION

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
1 September 2005 (01.09.2005)

PCT

(10) International Publication Number  
**WO 2005/079834 A1**

(51) International Patent Classification<sup>7</sup>: A61K 38/17,  
G01N 33/50, A61P 35/00, 31/00

(21) International Application Number:  
PCT/EP2005/001994

(22) International Filing Date: 25 February 2005 (25.02.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
04004281.4 25 February 2004 (25.02.2004) EP

(71) Applicant (for all designated States except US): DKFZ  
DEUTSCHES KREBSFORSCHUNGSZENTRUM  
[DE/DE]; Stiftung des Öffentlichen Rechts, Im Neuen-  
heimer Feld 280, 69120 Heidelberg (DE).

(72) Inventors; and

(75) Inventors/Applicants (for US only): MOLLEN-  
HAUER, Jan [DE/DE]; Hermann-Löns-Weg 26, 69118  
Heidelberg (DE). END, Caroline [DE/DE]; Toracker-  
strasse 5, 68165 Mannheim (DE). BLAICH, Stephanie  
[DE/DE]; Hegenichstrasse 15, 69124 Heidelberg (DE).  
BERGMANN, Gaby [DE/DE]; Hauptstrasse 29, 69117  
Heidelberg (DE). RENNER, Marcus [DE/DE]; Goethes-  
trasse 23, 69181 Leimen (DE). LYER, Stefan [DE/DE];  
Schlüsselweg 4, 69122 Heidelberg (DE). WITTIG,  
Rainer [DE/DE]; Burgstrasse 47, 69121 Heidelberg (DE).  
POUSTKA, Annemarie [AT/DE]; Ladenburgerstrasse  
41, 69120 Heidelberg (DE). BIKKER, Floris [NL/NL];  
Vlierboomstraat 57, NL-3552 BP Utrecht (NL). LIGTEN-  
BERG, Antoon [NL/NL]; W. Andriessenlaan 30, NL-1187  
HC Amstelveen (NL). NIEUW-AMERONGEN, Arie  
[NL/NL]; G. van Nijenrodestraat 136, NL-3621 GM  
Breukelen (NL). VEERMAN, Enno [NL/NL]; W. van  
den Bergstraat 27, NL-1132 TZ Volendam (NL).

(74) Agents: HUHNS, Michael et al.; Isenbruck, Bösl,  
Hörschler, Wichmann, Huhn, Theodor-Heuss-Anlage 12,  
68165 Mannheim (DE).

(81) Designated States (unless otherwise indicated, for every  
kind of national protection available): AE, AG, AL, AM,  
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,  
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,  
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,  
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,  
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,  
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ,  
TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA,  
ZM, ZW.

(84) Designated States (unless otherwise indicated, for every  
kind of regional protection available): ARIPO (BW, GH,  
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,  
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),  
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,  
FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO,  
SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN,  
GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

(48) Date of publication of this corrected version:  
27 October 2005

(15) Information about Correction:  
see PCT Gazette No. 43/2005 of 27 October 2005, Sec-  
tion II

For two-letter codes and other abbreviations, refer to the "Guid-  
ance Notes on Codes and Abbreviations" appearing at the begin-  
ning of each regular issue of the PCT Gazette.

(54) Title: USE OF DMBT1 FOR CAPTURING SULPHATE AND PHOSPHATE GROUP EXPOSING AGENTS

(57) Abstract: Disclosed is the use of DMBT1, or of the nucleic acid encoding it, for the manufacture of a medicament for the treatment of a patient suffering from a disease caused by an agent, which possesses at least one accessible sulphate and/or at least one accessible phosphate group, uses of DMBT1 as a diagnostic for diagnosing the susceptibility of an individual to sulphate or phosphate groups, as well as methods for diagnosis, prophylaxis or treatment of diseases caused by an agent which possesses at least one accessible sulphate and/or at least one accessible phosphate group.



WO 2005/079834 A1